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CENTRAL INTELLIGENCE AGENCY

S-E-C-R-E-T

COUNTRY Hungary

SUBJECT Deteriorating Quality of Coal Used by Consumers in Hungary

REPORT

DATE DISTR. 1 February 1962

NO. PAGES 1

REFERENCES RD

DATE OF INFO.

PLACE & DATE ACQ.

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SOURCE EVALUATIONS ARE DEFINITIVE.

a two-page report on the declining quality of coal being supplied to Hungarian consumers. Five power stations in particular are singled out as having to utilize coal with a lower calorific content than is considered expedient. Also included is a section on quality statistics of coal by region showing water and ash content and calorific power per kilogram.

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INFORMATION REPORT INFORMATION REPORT

SOLID FUEL PRODUCTION.

Decline in quality

1. The quality of the coal supplied to Hungarian consumers is steadily deteriorating. The following are specific examples of this trend.

(a) AJKA Power Station.

The boilers in this power plant were designed to use coal with a calorific value of 3650 calories per kilogramme, a maximum water content of 25.6% and a maximum ash content of 20.6. At present the plant runs on coal with a calorific value of 2750-2800 calories per kilogramme and an ash content of 30-31%.

(b) MATRAVIDEKI Power Station.

In 1955 the calorific value of the lignite which fuels this plant was 1970 calories per kg. In 1961 it was 1590 calories per kg. approximately.

(c) CSEPEL Power Station.

The calorific value of coal supplied has dropped from 4600 calories per kgm. to 3610 calories per kg.

(d) INOTA and MATRA Power Stations

Both plants are designed for lignite and the decline in the quality of that supplied has resulted in a 15-20% decrease in the output of current.

Quality statistics.

2.

	Water content %	Ash content %	Calorific power kcal/kg
(a) Brown coal from MIZSERFA	18	56	1412
(b) Coal slate from TATABANYA	14	37	3100

		Water content %	Ash content %	Calorific power kcal/kg
(c)	Coal slate from PILISSZENTIVAN	12	53	1705
(d)	Hard coal from KOMLO	5	36	4515
(e)	Coal from AJKA	17	41	2516
(f)	Coal slate from PECS	2	61	2610
(g)	Brown coal from PUSZTAVAM			3860
(h)	Brown coal from ZAGYVA			2614
(i)	" " " MATRANOVAK			1994
(j)	Lignite from PFTöFI-BANYA (supplied to the MATRAVIDEK power station)			1630
(k)	Open cast lignite at ECSED			1590.